

Data File : VU036817.D
Acq On : 17 Feb 2020 18:13
Operator : JC/MD
Sample : L1540-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBD36

Quant Time: Feb 18 00:50:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	109684	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	103311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37424	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	37279	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.59	63	51470	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.68	46	107768	54.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.96%
24) Chloroform-d	5.11	84	71612	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.74	65	40061	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	150228	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	49770	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.93	98	133698	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.21	79	16696	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.66	63	89540	50.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38054	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	42550	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

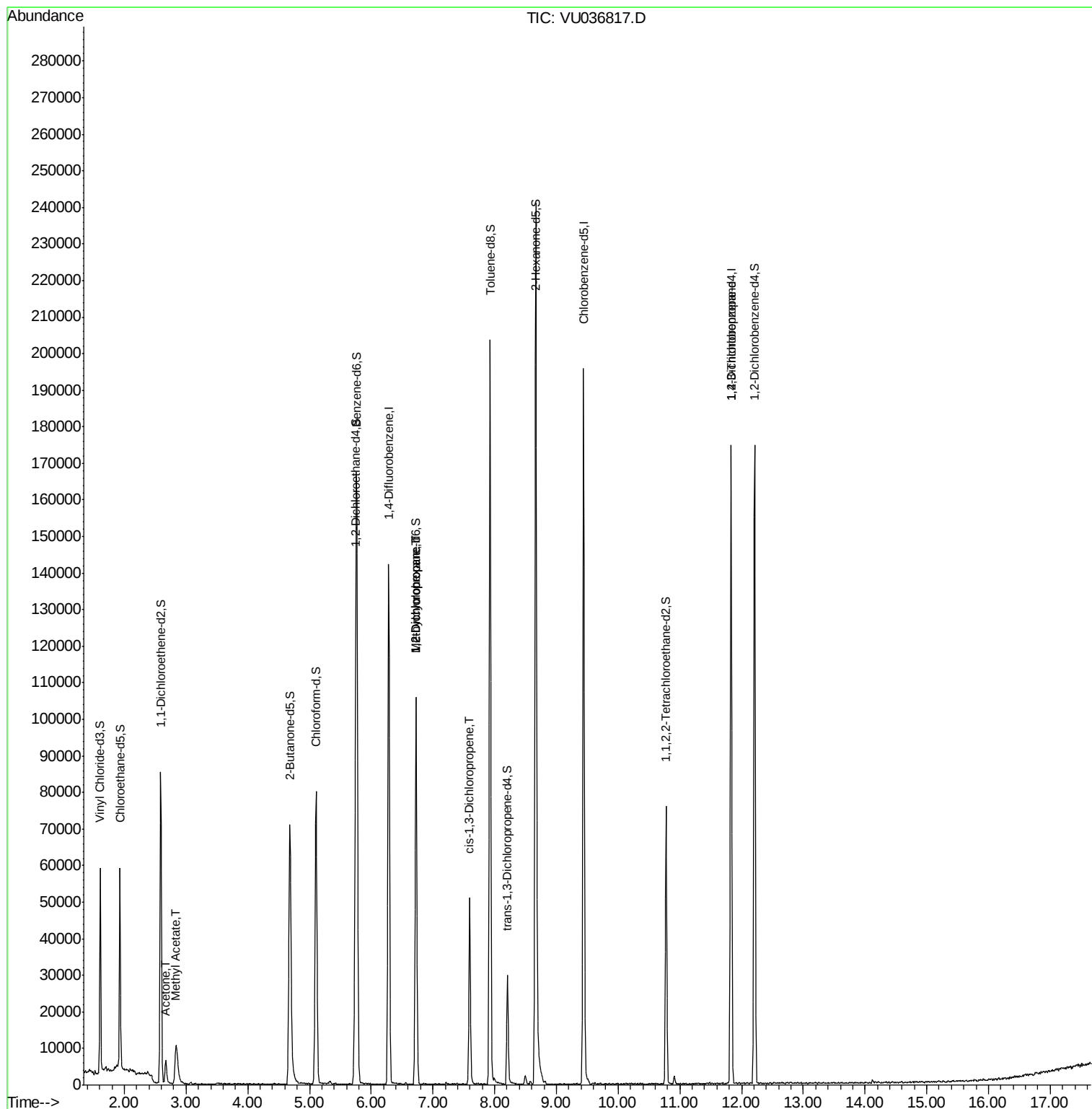
					Qvalue
13) Acetone	2.67	43	8714	3.445 ug/L	95
15) Methyl Acetate	2.84	43	2901	0.864 ug/L #	52
35) Methylcyclohexane	6.73	83	10812	0.840 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5173	0.595 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1158	0.092 ug/L #	48
59) 1,2,3-Trichloropropane	11.83	75	6521	1.135 ug/L	90

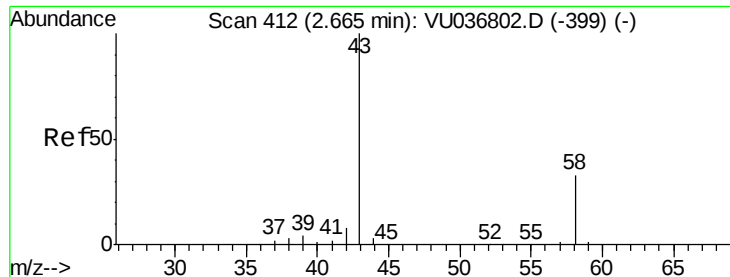
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.445 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU036817.D

Acq: 17 Feb 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

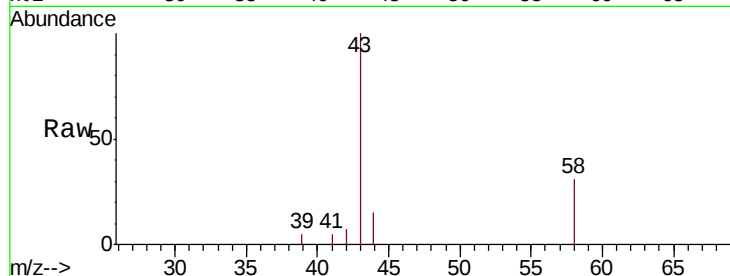
DBD36

Tgt Ion: 43 Resp: 8714

Ion Ratio Lower Upper

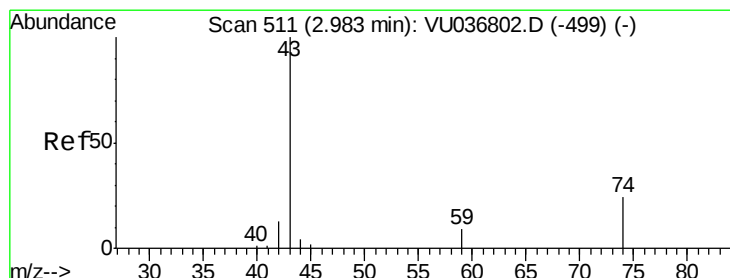
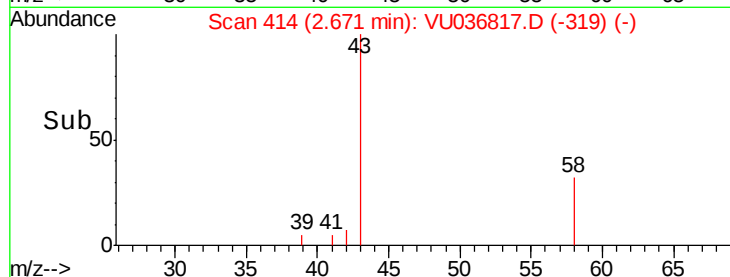
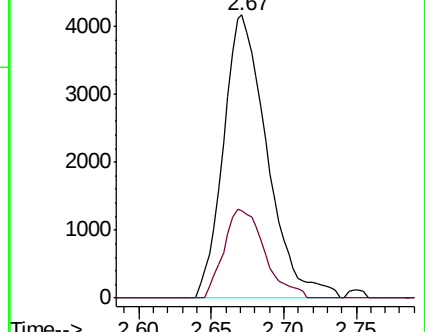
43 100

58 29.2 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036817.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU036817.D (-319) (-)



#15

Methyl Acetate

Concen: 0.864 ug/L

RT: 2.84 min Scan# 465

Delta R.T. -0.15 min

Lab File: VU036817.D

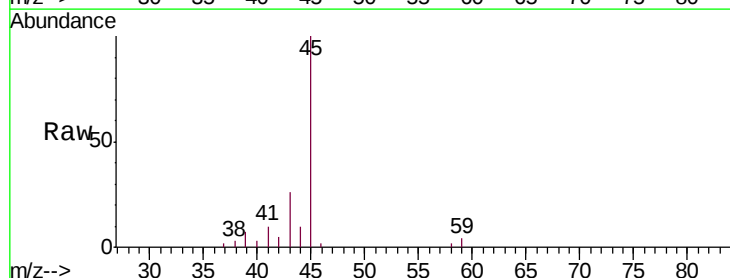
Acq: 17 Feb 2020 18:13

Tgt Ion: 43 Resp: 2901

Ion Ratio Lower Upper

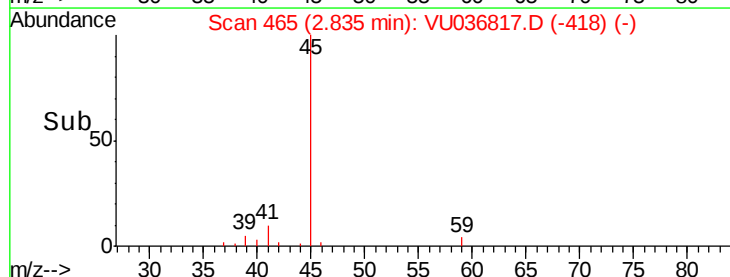
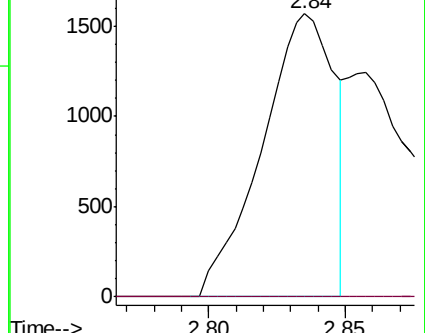
43 100

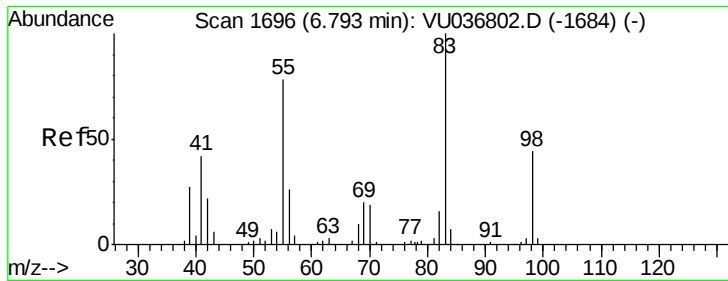
74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036817.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VU036817.D (-418) (-)





#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036817.D

Acq: 17 Feb 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

DBD36

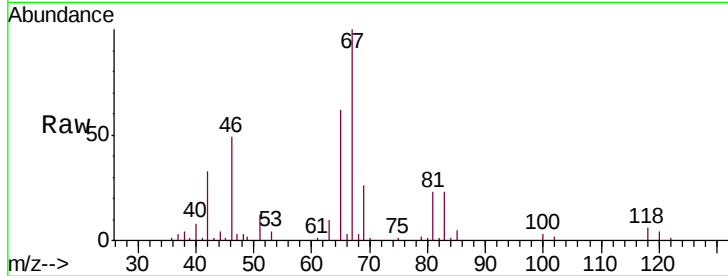
Tgt Ion: 83 Resp: 10812

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

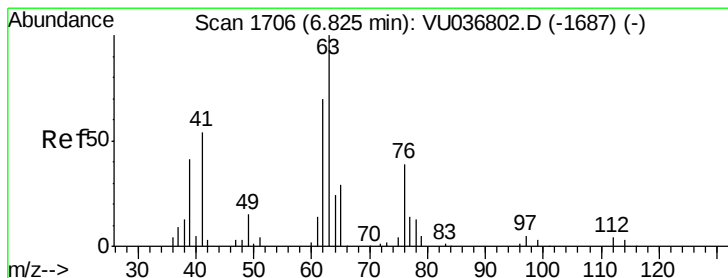
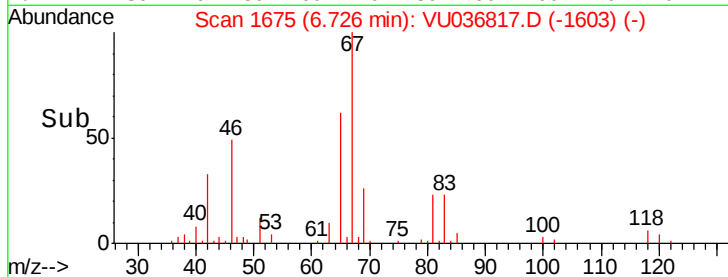
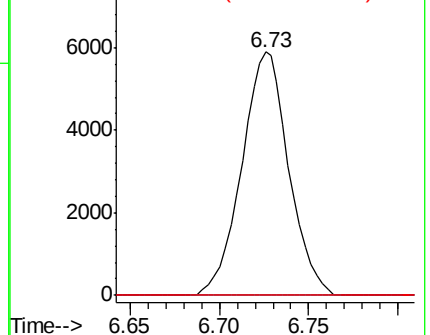
98 0.4 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036817.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU036817.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU036817.D (-1603) (-)



#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036817.D

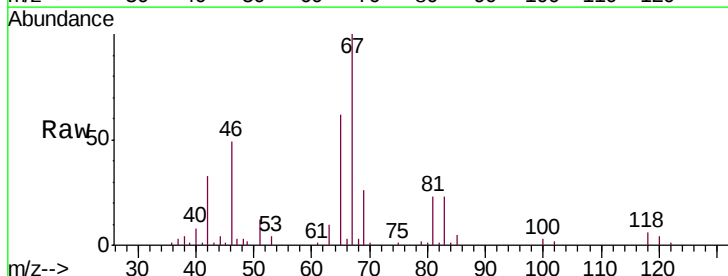
Acq: 17 Feb 2020 18:13

Tgt Ion: 63 Resp: 5173

Ion Ratio Lower Upper

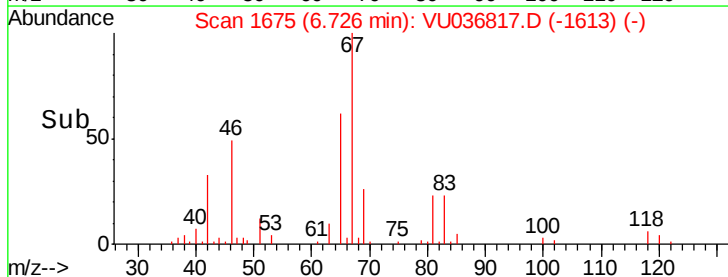
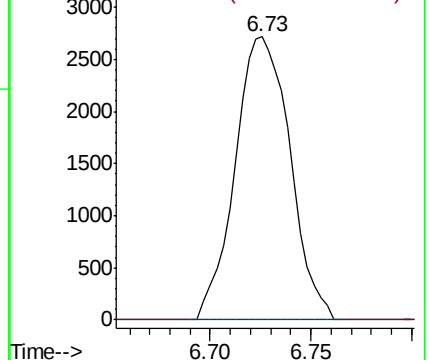
63 100

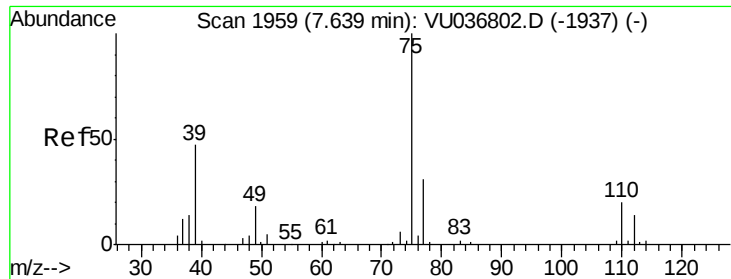
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036817.D (-1613) (-)

Ion 112.10 (111.80 to 112.80): VU036817.D (-1613) (-)

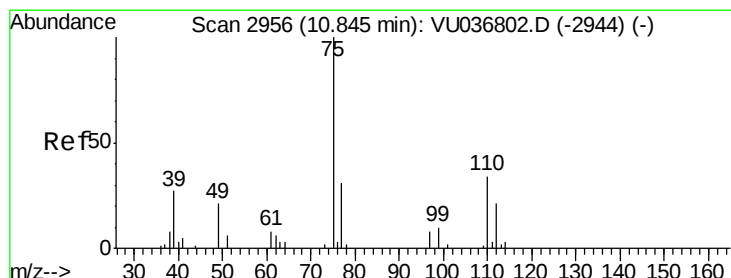
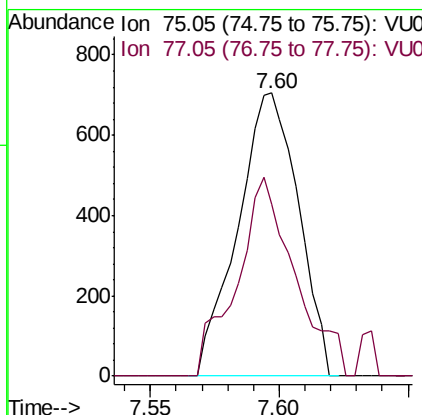
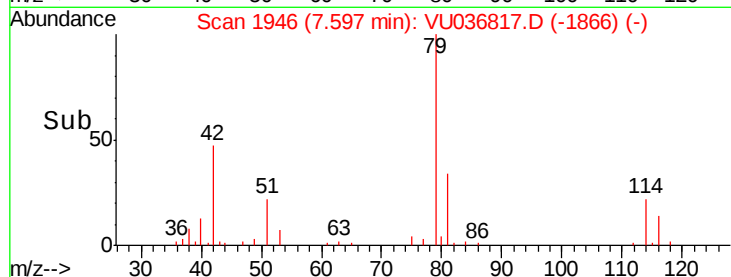
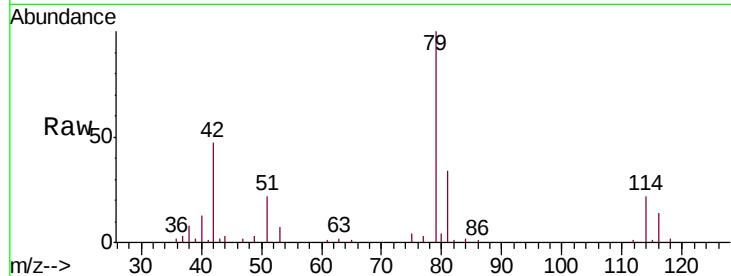




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036817.D
 Acq: 17 Feb 2020 18:13

Instrument :
 MSVOA_U
 ClientSampled :
 DBD36

Tgt Ion: 75 Resp: 1158
 Ion Ratio Lower Upper
 75 100
 77 61.0 22.5 41.9#



#59
 1,2,3-Trichloropropane
 Concen: 1.135 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036817.D
 Acq: 17 Feb 2020 18:13

Tgt Ion: 75 Resp: 6521
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.6 38.4

